Periodic Updates to Pipeline Safety Regulations (2001)

Docket No. RSPA-99-6106;

Amdt. Nos. 191-16, 192-94

§ 191.7 Addressee for written reports.

- Each written report required by this part must be made to the Information Resources Manager, Office of Pipeline Safety, Research and Special Programs Administration, U.S. Department of Transportation, Room 7128, 400 Seventh Street, SW., Washington, DC 20590.

§ 192.7 Incorporation by reference.

- Incorporated by reference (ibr)

§ 192.121 Design of plastic pipe.

- S = For thermoplastic pipe, the HDB determined in accordance with the listed specification at a temperature equal to 73 °F (23 °C), 100 °F (38 °C), 120 °F (49 °C), or 140 °F (60 °C). In the absence an HDB established at the specified temperature, the HDB of a higher temperature may be used in determining a design pressure rating at the specified temperature by arithmetic interpolation using the procedure in Part E of PPI TR-3/2000 entitled, Policy for Determining Long-Term Strength (LTHS) by Temperature Interpolation, as published in the technical Report TR-3/2000 "HDB/ PDB/MRS Policies", (ibr, see § 192.7).

§ 192.123 Design limitations for plastic pipe.

- (e) The design pressure for thermoplastic pipe produced after July 14, 2004 may exceed a gauge pressure of 100 psig (689 kPa) provided that:
  - (1) The design pressure does not exceed 125 psig (862 kPa);
  - (2) The material is a PE2406 or a PE3408 as specified within ASTM D2513 (ibr, see § 192.7);
  - (3) The pipe size is nominal pipe size (IPS) 12 or less; and
  - (4) The design pressure is determined in accordance with the design equation defined in § 192.121.

§ 192.144 Qualifying metallic components.

- …a metallic component manufactured in accordance with any other edition of that document is qualified for use under this part if--
- (a) * * *
- (b) The edition of the document under which the component was manufactured has equal or more stringent requirements for the following as an edition of that document currently or previously listed in § 192.7 or appendix B of this part:

§ 192.145 Valves.

- (a) Except for cast iron and plastic valves, each valve must meet the minimum requirements of API 6D (ibr, see § 192.7), or to a national or international standard that provides an equivalent performance level. A valve may not be used under operating conditions that exceed the applicable pressure-temperature ratings contained in those requirements.

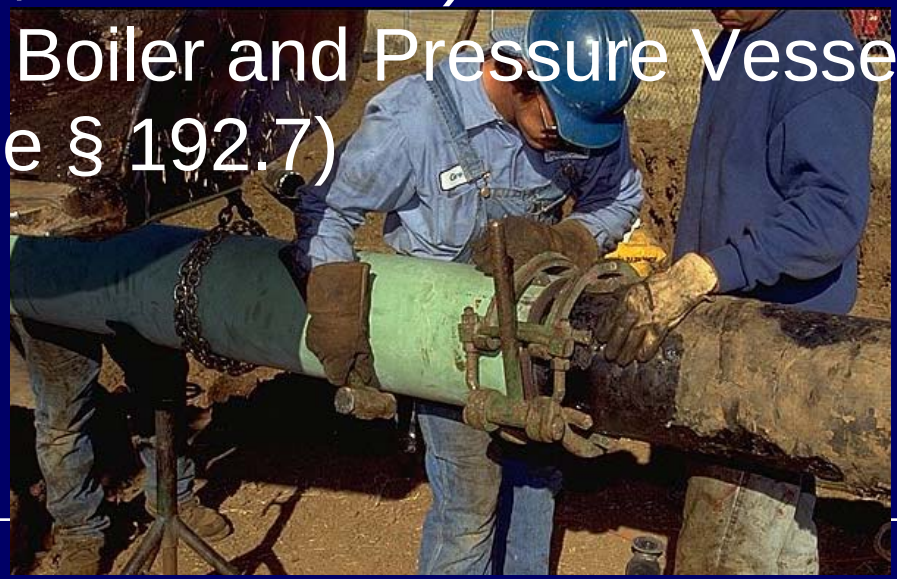
§ 192.225 Welding procedures.

- (a) Welding must be performed by a qualified welder in accordance with welding procedures qualified under section 5 of API 1104 (ibr, see § 192.7) or section IX of the ASME Boiler and Pressure Vessel Code …

  The quality of the test welds used to qualify welding procedures shall be determined by destructive testing in accordance with the applicable welding standard(s).

§ 192.227 Qualification of welders.

- a) Except as provided in paragraph (b) of this section, each welder must be qualified in accordance with section 6 of API 1104 (ibr, see § 192.7) or section IX of the ASME Boiler and Pressure Vessel Code (ibr, see § 192.7)



§ 192.229 Limitations on welders.

- (c) * * *

- (1) May not weld on pipe to be operated at a pressure that produces a hoop stress of 20 percent or more of SMYS unless within the preceding 6 calendar months the welder has had one weld tested and found acceptable under the sections 6 or 9 of API Standard 1104 (ibr, see § 192.7).

§ 192.229 Limitations on welders.

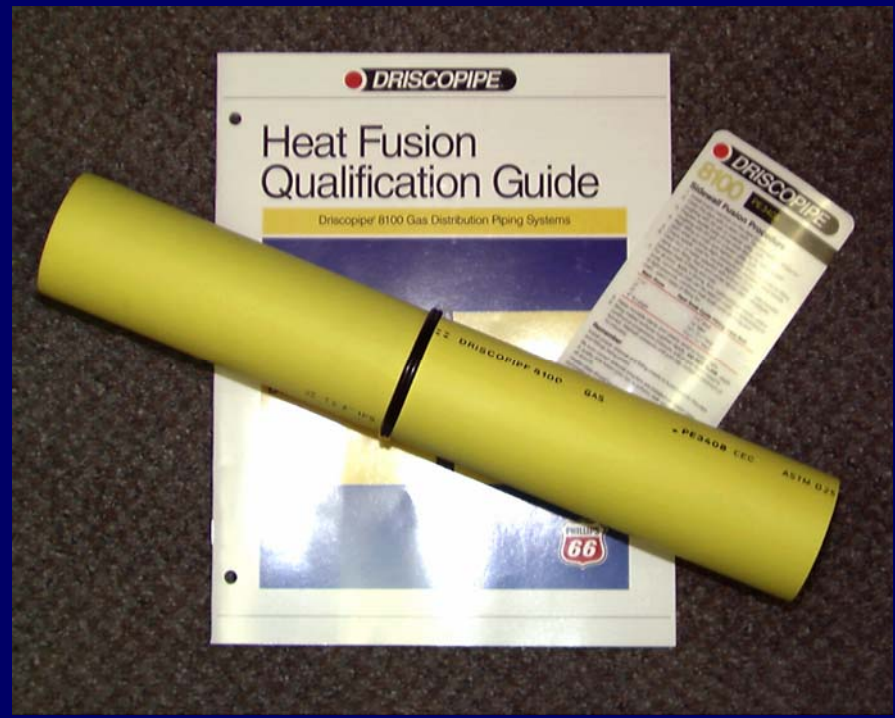
- Alternatively, welders may maintain an ongoing qualification status by performing welds tested and found acceptable under the above acceptance criteria at least twice each calendar year, but at intervals not exceeding 7\1/2\ months. A welder qualified under an earlier edition of a standard listed in § 192.7 of this part may weld but may not requalify under that earlier edition;

§ 192.241 Inspection and test of welds.

- (c) The acceptability of a weld that is nondestructively tested or visually inspected is determined according to the standards in Section 9 of API Standard 1104 (ibr, see § 192.7). However, if a girth weld is unacceptable under those standards for a reason other than a crack, and if Appendix A to API 1104 applies to the weld, the acceptability of the weld may be further determined under that appendix.

§ 192.283 Plastic pipe: Qualifying joining procedures.

- Updates references to paragraphs in new edition of ASTM standards for qualifying procedures.



§ 192.321 Installation of plastic pipe.

- (a) Plastic pipe must be installed below ground level except as provided by paragraphs (g) and (h) of this section.

§ 192.321 Installation of plastic pipe.

- (h) Plastic pipe may be installed on bridges provided that it is:
  - (1) Installed with protection from mechanical damage, such as installation in a metallic casing;
  - (2) Protected from ultraviolet radiation; and
  - (3) Not allowed to exceed the pipe temperature limits specified in § 192.123.

§ 192.611 Change in class location: Confirmation or revision of maximum allowable operating pressure.

- (d) Confirmation or revision of the maximum allowable operating pressure that is required as a result of a study under § 192.609 must be completed within 24 months of the change in class location. Pressure reduction under paragraph (a) (1) or (2) of this section within the 24-month period does not preclude establishing a maximum allowable operating pressure under paragraph (a)(3) of this section at a later date

§ 192.723 Distribution systems: Leakage surveys.

- (b) * * *
- (2) A leakage survey with leak detector equipment must be conducted outside business districts as frequently as necessary, but at least once every 5 calendar years at intervals not exceeding 63 months.